

COTO CHAPTER 9: ASPHALT LAYERS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
9			ASPHALT LAYERS	
	A9.1		ASPHALT LAYERS	
		A9.1.2	DEFINITIONS	
			Asphalt mix types	Sand skeleton mix
			Aggregate	Continuously graded
		A9.1.4	DESIGN BY THE CONTRACTOR	
			A9.1.4.1 Mix Designs	A level II mix design shall be carried out.
			A9.1.4.2 Mix design requirements	<u>Asphalt Overlay:</u> - Mix type: Sand skeletal mix - Specific Mix type: continuously graded, asphalt surfacing, PG 58H-22, paver laid - Level of Mix Design: Level II - NMPS: 10mm - Nominal layer thickness: 40mm <u>BTB:</u> - Mix type: Sand skeletal mix - Specific Mix type: continuously graded, asphalt Base, PG 58H-22, paver laid - Level of Mix Design: Level II - NMPS: 20mm - Nominal layer thickness: 80mm
		A9.1.5	MATERIALS	
			A9.1.5.3 Bitumen bond coat	No performance guarantees are required for the bitumen bond coat.
			Table A9.1.5-7: Fillers Requirements	Baghouse Fines and Limestone dust shall have a maximum Methylene blue value of 5 in accordance with SANS 6243.
			A9.1.5.8 Mix properties	Level II mix designs are required.
		A9.1.6	CONSTRUCTION EQUIPMENT	
			A9.1.6.3 Paver	Only mechanical pavers with a levelling beam will be permitted during the construction of the asphalt overlay.
		A9.1.8	WORKMANSHIP	
			A9.1.8.8 Sampling	
			b) Coring of completed layers	The Contractor shall provide suitable coring machines capable of cutting 100mm or 150mm diameter cores from the completed asphalt layers.